Ontario

Ministry of Northern Development and Mines

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

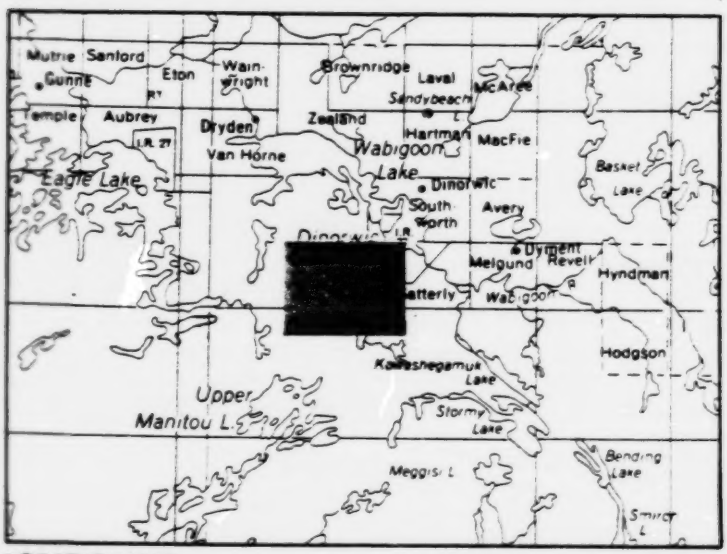
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 397

TURTLEPOND LAKE AREA

DISTRICT OF KENORA

Compiled by the Staff of
the Resident Geologist's Office
Kenora



LOCATION MAP

Scale: 1:1 013 760 or 1 inch to 16 miles

87-06504/

...ber 52F/10 SE

Mining Claim Map Number Turtlepond Lake Area, G-2595

This project was funded under the Canada Ontario Mineral Development Agreement (COMDA).

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1987: Turtlepond Lake Area, District of Kenora; Ontario Geological Survey, Geological Data Inventory Folio 397; compiled by the staff of the Resident Geologist's Office, Kenora, 29 pages and 2 maps.

Original Compilation by: R. Schienbein

Date	Page Revised	Revised by

Date	Page Revised	Revised by

Turtlepond Lake Area

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ACCOMPANYING MAPS

Property Location Map - 1

Exploration Data Map - 1

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	YES	RS JAN/87
2	Assessment Files Research Office, Toronto		
3	ODM General Index; 9 volumes	YES	RS JAN/87
4	Catalogue of Airborne Geophysical Surveys (ODM)		
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	YES	RS JAN/87
6	ODM Industrial Mineral Reports	NO	RS JAN/87
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	YES	RS JAN/87
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	YES	RS JAN/87
9	Newspaper Clippings File		
10	GSC Index to Publications		
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	YES	RS JAN/87
12	OGS Index Maps	YES	RS JAN/87
13	Source Mineral Deposit Records (O.G.S.)	YES	RS JAN/87
14	Author - Subject Articles File		
15	Miscellaneous Papers: ODM & OGS	YES	RS JAN/87
16	ODM Geological Circulars: OGS Study Series	NO	RS JAN/87
17	ODM Preliminary Reports: ODM Bulletins	NO	RS JAN/87
18	ODM – OGS Open File Reports	NO	RS JAN/87
19	OGS Northern Ontario Engineering Geology Terrain Studies	YES	RS JAN/87
20	OGS Aggregate Resources Inventory Papers	NO	RS JAN/87
21	OGS Mineral Potential Maps	YES	RS JAN/87
22	Theses on File, Kenora	YES	RS JAN/87
23	Aerial Photos on File, Kenora	YES	RS JAN/87
24	OBM Maps on File, Kenora	YES	RS JAN/87

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . Anhydrite
- △ ank. . . . . Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . Apatite
- △ arg . . . . . Argentite
- △ As . . . . . Arsenic
- ▲ asp . . . . . Arsenopyrite
- △ asb . . . . . Asbestos
- △ ba. . . . . Barite
- △ be. . . . . Beryl
- △ Bi. . . . . Bismuth
- △ bn . . . . . Bornite
- △ bran . . . . . Brannerite
- △ bruc . . . . . Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . Carbonate
- △ cel . . . . . Celestite
- △ cc. . . . . Chalcocite
- ▲ cp. . . . . Chalcopyrite
- △ ch. . . . . Chert
- △ clay . . . . . Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . Columbite
- ▲ Cu . . . . . Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . Feldspar
- △ fl . . . . . Fluorite (flurospar)
- △ fu. . . . . Fuchsite
- △ gn. . . . . Galena
- △ gt. . . . . Garnet
- △ goe . . . . . Goethite
- ▲ Au . . . . . Gold
- ▲ gf. . . . . Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- ▲ hem . . . . . Hematite
- ▲ il . . . . . Ilmenite
- △ Fe . . . . . Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- △ mag . . . . . Magnetite
- ▲ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . Marl
- △ mi . . . . . Mica
- △ ml . . . . . Millerite
- ▲ mo . . . . . Molybdenite
- ▲ Mo . . . . . Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . Niccolite
- Ni. . . . . Nickel
- △ Nb . . . . . Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . Peat
- △ pent . . . . . Pentlandite
- △ Pt. . . . . Platinum
- ▲ py . . . . . Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . Pyrolusite
- ▲ po . . . . . Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . . Quartz carbonate vein
- △ ra. . . . . Radioactive minerals
- △ RE . . . . . Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss. . . . . Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- Ag . . . . . Silver
- △ sl . . . . . Slate
- △ sm . . . . . Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- ▲ sp. . . . . Sphalerite
- △ spd . . . . . Spodumene
- △ staur . . . . . Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . Stone
- △ talc. . . . . Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . Thorite
- △ Th . . . . . Thorium
- △ thuc . . . . . Thucholite
- ▲ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . Uranium
- △ verm . . . . . Vermiculite
- △ Y . . . . . Yttrium
- Zn . . . . . Zinc
- △ zr. . . . . Zircon
- ▲ s. . . . . sulphide mineral(s)

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps or mentioned within either Drillhole Summary or Mineral Occurrences.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Emmons Lake Occurrence (Lantz Occurrence)	cp, po, py	000482	MRC 12, p. 163-164	MP 46 p.27 Map P.242
B	Glatz A. Occurrence	py, po, cp	000476	MRC 12, p. 164	
C	Glatz - Kozowy Occurrence	cp, po			MP 46 p. 26-27
D	Godson Lake Occurrence	Au		MRC 13, p. 241	Map P. 242
E	Maryjo Lake Occurrence	Au		MRC 13, p. 241	Map P. 242
F	Minnehaha Occurrence	Au, py		MDC 16, p. 28	OBM Vol. 16 pt. 1 p. 44 OBM Vol. 20 pt. 1 p. 188
G	Moose Lake Mine (Moose Bay Prospect)	Au, py			OBM Vol. 10 p. 97
H	Tobacco Lake Occurrence	Au		MRC 13, p. 241	Map P. 242
I	Van Houten Occurrence	Au, Cu, Mo		MRC 13, p. 176 MRC 7, p. 45	ODM Vol. 50 pt. 2 p. 46 Map 50e
J	Turtlepond Lake Occurrence (Whitewater Lake Occurrence)	Au		MRC 13, p. 241 MDC 16, p. 41	Map P.242
K	Unnamed	Cu			Map P.242
L	Unnamed	py			Map P.242
M	Unnamed	s			Map 50e
N	Unnamed	s			Map 50e

GDIF FORM NO. 1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
O	Unnamed	py, mc			Corp. Falconbridge Copper File: 52F/9 SW; BB-2
P	Unnamed	py, cp			Corp. Falconbridge Copper File: 52F/9 SW; BB-2
Q	Unnamed	py			Corp. Falconbridge Copper File: 52F/9 SW; BB-2
R	Unnamed	s			Map 50e
S	Sovereign Peak Lake Prospect	Au, cp, py			Asamera Inc. File: 52F/10 SE; Z-1, Z-3, Z-4 Sovereign, W.J. File: 52F/10 SE; Y-1, Y-2, Y-3, Y-4, Y-5
T	Starr E. Prospect	Au			Asamera Inc. File: 52F/10 SE; Z-1, Z-2, Z-3
U	K 812786 Occurrence	Au, py			MP 134; p.18
V	No. 1 Occurrence	py, cp			Canadian Geomarine Corp. Ltd. File: 52F/10 SE; B-1
W	No. 2 Occurrence	py			Canadian Geomarine Corp. Ltd. File: 52F/10 SE; B-1
X	No. 3 Occurrence	py			Canadian Geomarine Corp. Ltd. File: 52F/10 SE; B-1

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
Y	Sovereign Sister Prospect	py, asp			Asamera Inc. File: 52F/10 SE; Z-4

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
1.	Asamera Inc. 52F/10 SE; Z-1			83	83	83														
2.	Asamera Inc. 52F/10 SE; Z-2		83																	
3.	Asamera Inc. 52F/10 SE; Z-3, Z-4 AFRO file: 2.6023	83	83	83	83	83						83	83							
4.	Asarco Expl. Co. of Can. Ltd. 52F/10 SE; A-1				70	70														
5.	Canadian Geomarine Corp. Ltd. 52F/10 SE; B-1 AFRO file: 63.2595			69								69								
6.	Geisler and Koistinen Claims 52F/10 SE; E-1				59															
7.	Golden Range Resources Inc. 52F/10 SE; BB-1 AFRO file: 2.7422											84	84							

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	Airborne Apparent Restivity		
8.	Hudson Bay Expl. & Dev. Co. Ltd. 52F/10 SE; G-1 AFRO file: 2.1754												75							
9.	69577 Ontario Ltd. (Kasner R. J.) 52F/10 SE; CC-1 AFRO file: 2.9418								86	86								86		
10.	Lantz, A. 52F/10 SE; H-1				71															
11.	Lantz, A. 52F/10 SE; H-2											69	70							
12.	Lynx Canada Expl. Ltd. 52F/10 SE; J-1 AFRO file: 2.2720											70	70							
13.	Lynx Canada Expl. Ltd. 52F/10 SE; J-2			71																

GDIF FORM NO.

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kemora COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
14.	McIntyre Porcupine Mines Ltd. 52F/10 SE; L-1				62															
15.	Newconex Ltd. 52F/10 SE; M-1	60			60	60						60	60			60[1]				
16.	Selco Mining Corp. 52F/10 SE; V-1				77								76[2]							
17.	Sovereign, Wm. J. 52F/10 SE; Y-1 AFRO file: 2.5272		82	82		82														
18.	Sovereign, Wm. J. 52F/10 SE; Y-2 AFRO file: 2.4418			81		81														
19.	Sovereign, Wm. J. 52F/10 SE; Y-3 OMEP			84		84														

[1] Map not submitted

[2] Report accompanies UMA Mines Ltd. 52F/10 SE; P-4

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
20.	Sovereign, Wm. J. 52F/10 SE; Y-4 AFRO file: 2.7909	84		84		84														
21.	Sovereign, Wm. J. 52F/10 SE; Y-5 AFRO file: 2.9432					86														
22.	UMA Mines Ltd. (Selco option) 52F/10 SE; W-1 AFRO file: 2.2424												76							
23.	UMA Mines Ltd. (Selco option) 52F/10 SE; W-2				77															
24.	Underwood, McLellan & Assoc. Ltd. 52F/10 SE; P-2				74															
25.	Underwood, McLellan & Assoc. Ltd. 52F/10 SE; P-3												74							

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora	COMPANY/AUTHOR (file number)	GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
25a.	Underwood, McLellan & Assoc. Ltd. 52F/10 SE; P-3								73	73										
26.	Underwood, McLellan & Assoc. Ltd. 52F/10 SE; P-4 AFRO file: 2.2224											76	76							
27.	Univex Expl. & Dev. Corp. Ltd. 52F/10 SE; Q-1 AFRO file: 2.9200											70								
28.	Van Houten Mine 52F/10 SE; R-1					45														
29.	Victoria Algoma Mineral Co. Ltd. 52F/10 SE; S-1 AFRO file: 63.2139	66										66	66							

GDIF FORM NO. 7

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
30.	Whitewater Gold Mines Limited 52F/10 SE; T-1 AFRO file: 2.1258											73	73							
31.	Hudson Bay Expl. & Dev. Co. Ltd. 52F/10 NE; C-3 AFRO file: 2.1446												74							
32.	Hudson Bay Expl. & Dev. Co. Ltd. 52F/10 NE; C-1 AFRO file: 2.1769												75							
33.	Corporation Falconbridge Copper 52F/9 SW; BB-1 AFRO file: 2.3866											81	81							
34.	Corporation Falconbridge Copper 52F/9 SW; BB-2 AFRO file: 2.4713	80																		

GDIF FORM NO. 2

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE Kenora COMPANY/AUTHOR (file number)		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
35.	Derry, Michener and Booth (Wabigoon Project) 52F/7 NE; 00-2								70	70										
35a.	Derry, Michener and Booth (Wabigoon Project - Grid 6) 52F/7 NE; 00-2	70																		
35b.	Derry, Michener and Booth (Wabigoon Project - Claim Group F) 52F/7 NE; 00-2				70															
36.	June Resources Inc. 52F/7 NE; QQ-1 AFRO file: 2.8061								85	85										

GDIF FORM NO. 7

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1.	Asamera Inc.	SV83-1	Aug./83	073°?	-45°	4.1 m	50.3 m	py, cp, asp?	Au, Ag
	Asamera Inc.	SV83-2	Aug./83	073°?	-45°	7.6 m	65.5 m	py, cp, ti?	Au, Ag
	Asamera Inc.	SV83-3	Aug./83	073°?	-45°	8.5 m	51.5 m	py, ti?	Au, Ag
	Asamera Inc.	SV83-4	Aug./83	073°?	-60°	6.0 m	74.7 m	py, cp	Au, Ag
	Asamera Inc.	SV83-5	Aug./83	073°?	-45°	9.1 m	44.2 m	py	Au, Ag
	Asamera Inc.	SV83-6	Aug./83	073°?	-60°	7.9 m	65.5 m	py, cp	Au, Ag
2.	Asamera Inc.	SS83-1	Sept./83	140°	-45°	1.9 m	86.9 m	py, asp?, cp	Au, Ag
3.	Asamera Inc.	SS83-2	Sept./83	140°	-45°	3.4 m	71.6 m	asp?, py	Au, Ag
4.	Asamera Inc.	SS83-3	Sept./83	140°	-45°	3.2 m	62.48 m	asp?, py	Au, Ag
5.	Asamera Inc.	ST83-1	Sept./83	196°	-58°	3.0 m	65.5 m	py, cp	Au, Ag
	Asamera Inc.	ST83-2	Sept./83	196°	-45°	6.8 m	71.6 m	py, asp?, cp	Au, Ag
	Asamera Inc.	ST83-3	Sept./83	196°	-45°	4.3 m	62.5 m	py	
6.	Asarco Expl. Co. of Can. Ltd	21	Aug./70	180°?	-45°	43 ft.	288 ft.	py, po, sp?	Cu,Pb,Ni,Zn
	Asarco Expl. Co. of Can. Ltd	21-2	Aug./70	360°?	-40°	12 ft.	186 ft.	py, cp, po	
7.	Asarco Expl. Co. of Can. Ltd	21-A	Aug./70	180°	-40°	26 ft.	275 ft.	py, cp, il, hem	
8.	Geisler and Koistinen Claims	1	Sept./59	135°	-45°	?	124 ft.	py	
9.	Geisler and Koistinen Claims	2	Sept./59	135°	-45°	?	116 ft.	py	

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
10.	Geisler and Koistinen	3	Oct./59	315°	-45°	?	125 ft.	py	
	Geisler and Koistinen	4	Oct./59	135°	-45°	?	125 ft.		
11.	Geisler and Koistinen	5	Oct./59	225°	-45°	?	18 ft.	py	
12.	Lantz A.	1	Nov./71	260°	-45°	?	165 ft.	po, cp	
	Lantz A.	2	Dec./71	260°	-30°	?	157 ft.	"mineralized"	
13.	McIntyre Porcupine Mines Ltd.	237-1	Mar./62	240°	-45°	40 ft.	356 ft.	cp, mo, py	
	McIntyre Porcupine Mines Ltd.	237-2	Mar./62	237°	-47°	33 ft.	283 ft.	py	
14.	McIntyre Porcupine Mines Ltd.	237-3	Mar./62	060°	-45°	4 ft.	174 ft.	py, po, cp	
15.	McIntyre Porcupine Mines Ltd.	237-4	Mar./62	237°	-45°	2 ft.	195 ft.		
16.	Newconex Ltd.	1	Aug./60		-90°	?	48 ft.	po, cp, py	Cu, Ni
	Newconex Ltd.	2	Aug./60		-90°	?	32 ft.	"sulphides"	Cu, Ni
	Newconex Ltd.	3	Aug./60		-90°	?	25 ft.	"sulphides"	
	Newconex Ltd.	4	Aug./60		-90°	?	21 ft.	cp	
	Newconex Ltd.	5	Aug./60		-90°	?	40 ft.	po, cp	Cu, Ni
	Newconex Ltd.	6	Aug./60		-90°	?	44 ft.	"sulphides"	Cu, Ni

GDIF FORM NO. 3

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
16 (cont)	Newconex Ltd.	7	Aug./60		-90°	?	38 ft.	"sulphides"	
	Newconex Ltd.	8	Aug./60		-90°	?	46 ft.		
	Newconex Ltd.	9	Aug./60	149°	-45°	?	48 ft.	cp, s	Cu, Ni
	Newconex Ltd.	10	Aug./60		-90°	?	27 ft.	cp, s	Cu, Ni
17.	Selco Mining Corp.	800-8N-1	Sept./77	155°	-50°	10 ft.	256 ft.	py	
18.	Selco Mining Corp.	800-8N-2	Sept./77	335°	-50°	4 ft.	258 ft.	py	
19.	Selco Mining Corp.	800-8N-3*							
20.	UMA Mines Ltd. (Selco option)	800-18-1	June/77	328°	-50°	6 ft.	184 ft.	py, gf	
21.	Derry, Michener & Booth	4*	Dec./70?						
22.	Underwood, McLellan & Assoc. Ltd.	5-1	Oct./74	282°	51°	63 ft.	349 ft.	po, py, cp, asp?	

*No logs available.

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
9	By: Aerodat Limited For: 69577 Ontario Limited (Kasner R.J.)	Magnetic Electromagnetic - VLF system Electromagnetic - Aerodat 3 freq. system Apparent Resistivity	60 m	E-W	150 m
25a.	By: Questor Surveys Limited For: Underwood, McLellan & Assoc. Ltd.	Electromagnetic - MK VI Input Magnetic	400 ft.	NW - SE	1/8 mile
35	By: Questor Surveys Limited* For: Derry, Michener & Booth	Electromagnetic - MK V Input Magnetic	?	NW - SE	?
36	By: Aerodat Limited For: June Resources Inc.	Electromagnetic - 3 frequency Electromagnetic - VLF Magnetic	60 m	E - W	200 m

*No accompanying report

GDIF FORM NO. 4

GEOCHEMICAL SURVEY DATA

Map Sample Site Reference Number	Type of Survey	Analysis For	By	Reference
2, 3	Humus	Au, As, Sb	Asamera Inc.	Assessment file 52F/10 SE; Z-2, Z-4
2, 3	Lithogeochemical	Au, Ag, Cu, As, Sb, Hg	Asamera Inc.	Assessment file 52F/10 SE; Z-2, Z-4
17	Humus	Au	Sovereign, Wm.	Assessment file 52F/10 SE; Y-1

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

No age dating on file as of January 22, 1987.

GDIF FORM NO. 6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office.

in Kenora

Not researched.

ODM GENERAL INDEX SEARCH

Words searched: Dinorwic, Dryden, Emmons Lake, Glatz A., Godson Lake, Gold, Humphrey Lake, Little Wabigoon, Maryjo Lake, Minnehaha, Moose Bay or Lake, Peak Lake, Prig Lake, Satterly, Tobacco L., Turtlepond L., Van Houten, Wabigoon, Whitewater L.

Index Volume	Listing:	Report Volume	Part	Page
1	Dinorwic Lake, Kenora			
	Gold Mining on	10		97
	Rocks on	4		67
9	Wabigoon L. area	MP89		5
		NOEGTS		10,12,13
		22		
8	Emmons Lake			
	Dinorwic L. area	MP046		27
8	Emmons Lake Prospect			
	Dinorwic L. area			
	Mining property, report on	MRC 012		163,164
8	Glatz-Kozowy Property			
	Dinorwic L. area			
	mining property, report on	MP 046		26-27
1	Minnehaha Gold Mine			
	Notes by Parsons	20	1	188
	Work at (1907)	27		58
	(1908)	28	1	81
	(1909)	29	1	79
	(1910)	30	1	87
1	Minnehaha Lake, Manitou Lake			
	Minor refs.	6		10
		7		121
1	Minnehaha Gold Mining Co.	8		10
1	Minnehaha Mining & Smelting Co.			
	Capital and date of charter	14	1	25
	Work by (1906)	26	1	44
	(1908)	28	1	81
	(1910)	30	1	87
9	Minnehaha Occurrence			
	Upper Manitou and Dinorwic Lake area	MDC 016		28

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
1	Moose Lake Mining and Milling Co.			
	Capital and date of charter	10		9
	Work by (1900)	10		97
	suspended	11		250
8	Prig Lake			
	Dinorwic Lake area	MP046		26
4	Satterly, J.			
	Reports by:			
	Dryden-Wabigoon area	50	2	
9	Tobacco Lake Occurrence			
	Dinorwic and Kawashegamuk Lake area	MDC 016		40
8	Turtlepond Lake			
	Satterly Twp.	MP046		26,27
9	Occurrence	MDC 016		41
4	Van Houten Gold Mine, Wabigoon Lake area			
	Mill capacity	59	1	25
	Production (1940)	50	1A	8
	(1945)	55	1	10
	(1947)	57	1	10
	Report and photos	50	2	46-48
4	Van Houten Gold Mines Ltd.			
	Capital; officers; operations			
	(1940)	50	1	140
	(1944)	54	2	94
	(1945)	55	2	78,79
	(1946)	56	2	89
	(1947)	57	2	93
	Incorporated	50	1A	50
	Sakoose g.m. acquired by	54	2	94
5	Van Houten Gold Mine, Wabigoon Lake area			
	Mill capacity (1951)	61	1	27
	Production statistics	64	1	23
6	Van Houten Gold Mines Ltd.			
	Sakoose g.m. acquired by	69	6	1
8	Van Houten Prospect			
	Dinorwic Lake area	MRC 013		176-177

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
9	Van Houten Prospect Dinorwic Lake area	MDC 016		41
9	Wabigoon Lake area, Kenora District Report (quaternary) and map 5059 1980 by M.A. Roed	NOEGTS 22		
9	Wabigoon Volcanics analyses, chem Wabigoon Lake area	MP 089		14
	petrography Wabigoon Lake area	MP 089		5

GDIF FORM NO. 8

Turtlepond Lake Area

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL COMPILATION MAPS		
Blackburn, C. E.	1981	Kenora-Fort Frances, Kenora and Rainy River Districts. Geological Compilation Series.	OGS Map 2443	1" to 4 miles (1:253,440)
Davies, J.C.	1964	Manitou Lakes Sheet, Districts of Kenora and Rainy River. Geological Compilation Series	ODM Map P.242	1" to 2 miles (1:126,720)
Ferguson, S.A., Croen, H.A. Hanes, R.	1971	Gold Deposits of Ontario, Part 1	ODM MRC 13	p. 176, 241
Gordon, J.B.	1977	Gold Deposits of Ontario, West Central Sheet, Districts of Kenora (Patricia Portion), Thunder Bay, Algoma and Cochrane. Mineral Deposits Series.	OGS Map P.1227	1" to 16 miles (1:1,013,760)
Rivett, Scott and Gibson, J.C.	1981	Turtlepond Lake Area, Kenora District. Kenora Data Series	OGS Map P.2130	1" to 1/4 mile (1:15 840)
Shklanka, R.	1968	Copper, Nickel, Lead and Zinc Deposits of Ontario	ODM MRC 12	p. 163-164
		GEOPHYSICAL MAPS		
GEO-ANALYSIS (1981) LTD.	1981	The Identification of Structural Linears From Landsat Imagery in Northwestern Ontario. Energy, Mines and Resources Canada, Earth Physics Branch, Seismological Service of Canada.	Map 1 Image 3125	9 Images at 1:250,000 5 Maps at 1:1,000,000
O.D.M. - G.S.C.	9861	52F/10 Aeromagnetic Series	Geophysics Paper 1154G	1" to 1 mile (1:63,360)

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
O.G.S.	1980	Airborne Electromagnetic and Total Intensity Magnetic Survey, Manitou-Stormy Lakes Area, District of Kenora; by Kenting Earth Sciences Limited for the O.G.S.	Geophysical/ Geochemical Series Map 80 458 80 459A 80 459B 80 460	1:20,000
O.G.S. - G.S.C.	1977	Airborne Gamma-Ray Spectrometry, Total Count Contours Dryden Sheet, Districts of Kenora and Rainy River	Preliminary Maps P.1460 to P.1466	1" to 4 miles (1:253,440)
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
Ontario Soil Survey and Canada Department of Regional Economic Expansion	1972	Canada Land Inventory Soil Capability for Agriculture	Dryden 52F	1:250,000
Roed, N.A.	1980	Wabigoon Lake Area, NTS 52F/NE, Kenora District, Northern Ontario Engineering Geology Terrain Study. Accompanied by Map 5059.	NOEGTS 022	1:100,000
Zoltai, S.C.	1965	Surficial Geology, Kenora-Rainy River. Ontario Department of Lands and Forests.	Map S 165	1" to 8 miles (1:506,880)
		MINERAL POTENTIAL MAPS		
Springer, J.S.	1978	Dryden Sheet, Districts of Kenora and Rainy River. Mineral Deposits Series.	OGS Map P.1530	1:250,000
Springer, J.S. Robertson, J.A. Vos, M.A.	1982	Mineral Potential Map of Ontario, West Central Sheet NTS 41 NW, 42 W, 43 SW, 52, 53 SE.	OFR 5326	1" to 16 miles

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Goodwin, A.M.	1965	Preliminary Report on Volcanism and Mineralization in the Lake of the Woods-Manitou Lake - Wabigoon Region of Northwestern Ontario.	PR 1965-2	p. 1-63
Satterly, J.	1941	Geology of the Dryden-Wabigoon Area Accompanied by map 50e.	ODM Vol. 50, pt. 2	1" to 1 mile (1:63 360)
Thomson, J.E.		Geology of the Manitou - Stormy Lakes Area Accompanied by map 42c	ODM Vol. 42, p. 4	1" to 1 mile (1:63 360)
		THESES		
Davies, J.C.	1966	The Petrology and Geochemistry of Basic Intrusive Rocks. Kakagi Lake-Wabigoon Lake Area, District of Kenora, Ontario. PhD. Thesis, University of Manitoba		189 pages
Gradwell, K.W.	1952	Statistical Study of the Relation of Schistosity and Bedding to Intrusive Contacts, Dryden Area, Ontario. B.A. Sc. thesis, University of Toronto	Not in Kenora Resident Geologist Office	
Gross, W.H.	1950	An investigation of the Control of Gold Mineralization in Northwestern Ontario. Ph.D. Thesis, University of Toronto.		106 pages
Rittenhouse, G.	1933	A Study of Varve Clays of Northwestern Ontario. Masters Thesis, University of Chicago		32 pages

Turtlepond Lake

Author	Date	SELECTED REFERENCES Title	Reference	Map Scales and/or Report Pages

GDIF FORM NO.9

NOTES AND ADDENDA

AERIAL PHOTOGRAPH INDEX

Scale 1" to ½ mile (OGS)

1982

Roll	Line	Photo Numbers
25	4926	81-93
46	4925	183-195
31	4924	155-167
28,35	4923	264-274, 1-6
28	4922	205-217
?	4921	37-50

1965

55	4926	15-28
20	4925	80-93
20	4924	239-250
19	4923	121-134
22	4922	120-131
22	4921	230-242

Scale 1" to 1 mile (EMR)

1952

A 21200	30 - 34 *
A 13748	38 - 41 *
A 21199	133 - 136*

* Photographs on file in Resident Geologist's Office, Kenora.

ONTARIO BASE MAP SERIES

Scale 1:20,000

20 15 5100 54900 +
20 15 5100 54800 +
20 15 5200 54900 +
20 15 5200 54800 +
20 15 5300 54900 +
20 15 5300 54800 +

\+ Published Maps currently Available

GDIF FORM NO.10

MINERAL DEPOSITS FILE

Note: A deposits file is maintained at the Kenora Resident Geologist's Office, which contains the published data on the following mineral deposits:

1. Emmons Lake Prospect
2. Glatz, A. Occurrence
3. Glatz - Kozowy Property, Prig Lake
4. Godson Lake Occurrence
5. Maryjo Lake Occurrence
6. Minnehaha Mine
7. Moose Bay Occurrence
8. Tobacco Lake Occurrence
9. Turtlepond Lake Occurrence or Whitewater Lake Occurrence
10. Van Houten Mine

Tremeer L.
East Godson Lake
Godson Lake
Godson Cr.
Watt L.
Gladys L.
Stuart L.
Humphrey L.
Alston L.
Paulson L.
Wabigoon Lake I.R. No. 27
Dinorwic
Lake
Moose Bay
Stanawan Bay
Snowfall L.
9
27
28
4
4
5

Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 397

(Map 1 of 2)

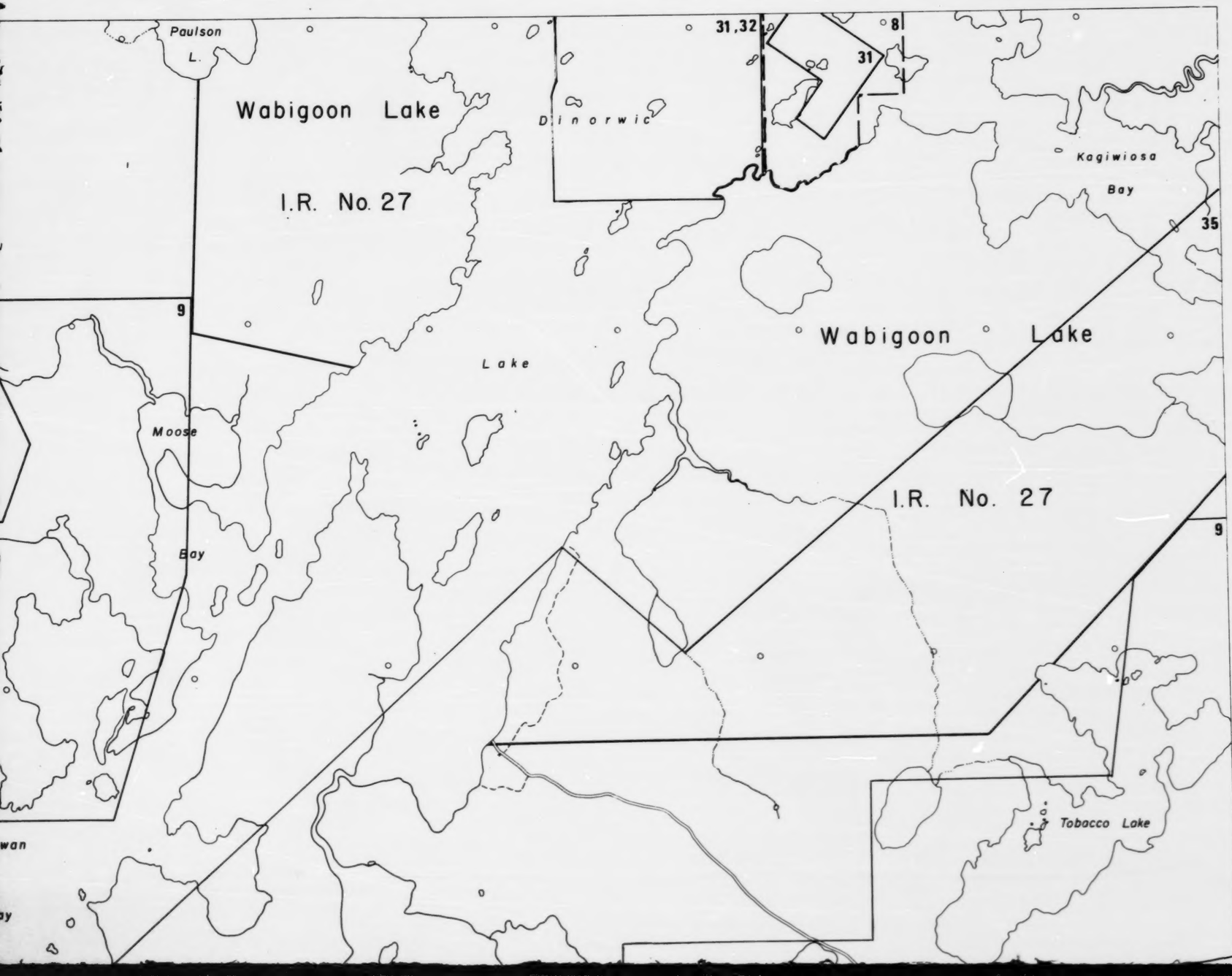
TURTLEPOND LAKE AREA

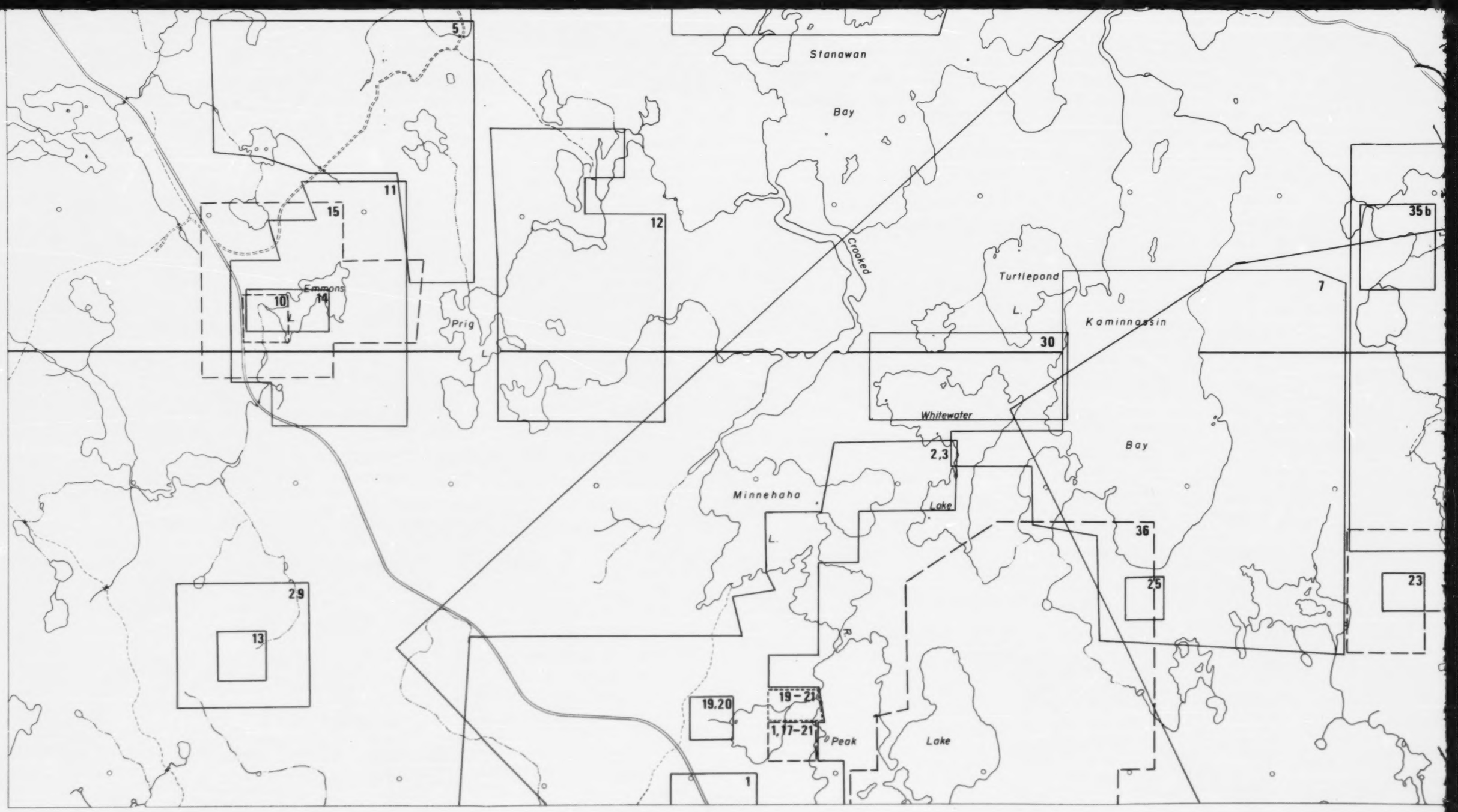
DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile




Stanawan
Bay
Crooked
Turtlepond
L.
Kaminnagsin
Bay
Whitewater
Minnehaha
Lake
L.
Prig
L.
Emmons
L.
Peak
Lake
5
11
15
12
10
14
35b
7
30
2,3
36
25
23
29
13
19,20
19 – 21
1, 17–21
1

Tobacco Lake

25a

35b

Turtlepond L.

7

Kaminnagasin

33,34

30

25

24

Whitewater Bay

2,3

Lake

36

25

22

23

6

6

6

35a

16,25,26

Lake

EXPLORATION DATA FILE AREAS

■ 1 6 — Reference number is always inside work area outlined. See listing in text pages.

□ x 4 — Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
  Location of anomaly along flight line
- Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horzontal loop;
  VLF - Very low freq; Turam;
  D–AEM – Dip Angle Survey
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly
  (total intensity)
- Resistivity anomaly
- Gravity anomaly
- Airborne VLF Electromagnetic Anomaly

MISCELLANEOUS DATA

Batt L.

Stuart L.

Paulson L.

Wabigoon Lake

I.R. No. 27

Humphrey L.

Alston L.

Au E

Au, Cu Mo I

Au, py U

Moose Bay

py, Au G 402'

Dinorwic Lake

TURAM HL

Kagiwiosa Bay

Wabigoon Lake

I.R. No. 27

M S

N S

Snowfall L.

Stanawan Bay

Tobacco Lake

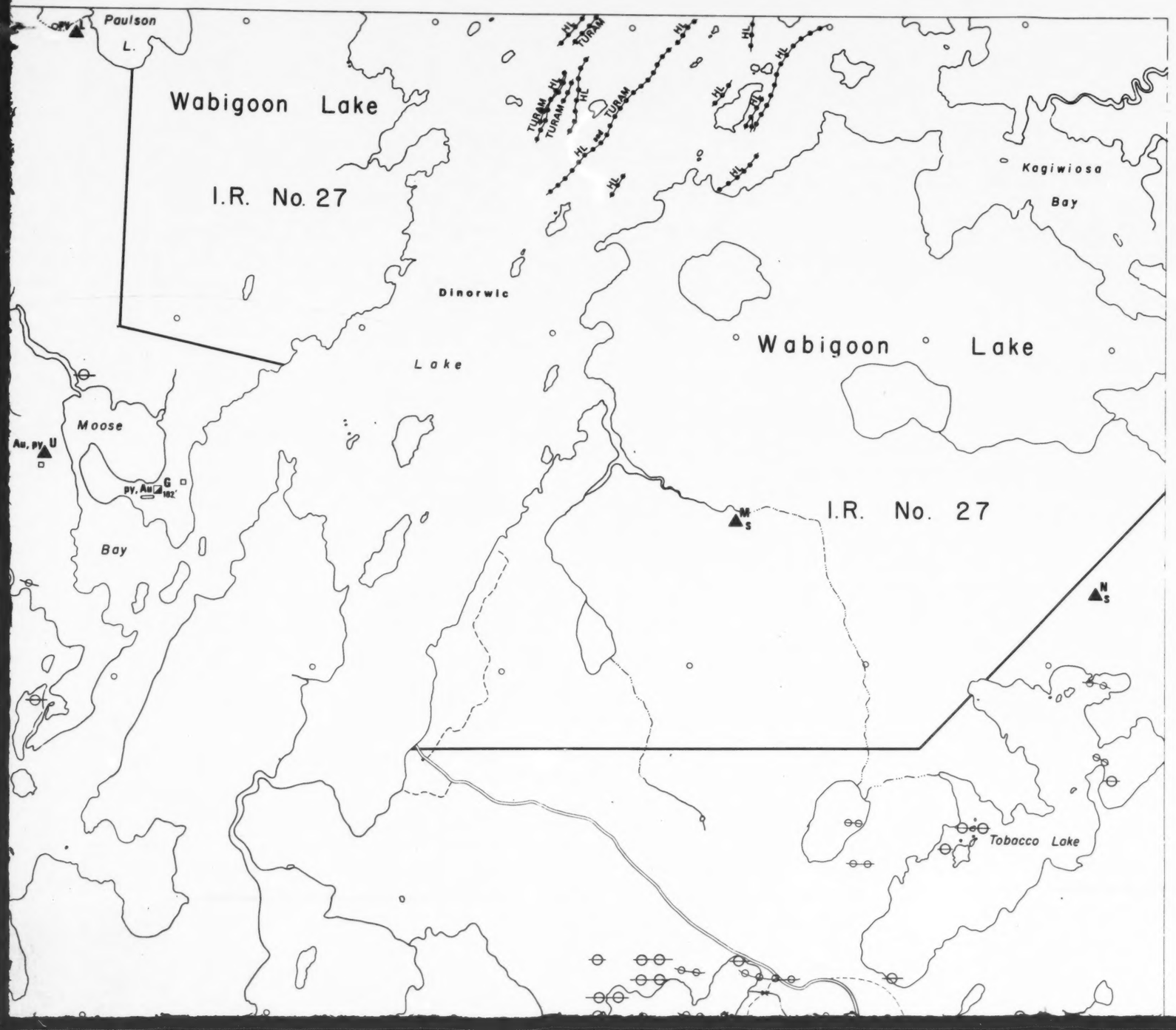
TYPES OF DA

cp

Au

Ag

cp



Ontario

Ministry of Northern Development and Mines

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 397

(Map 2 of 2)

TURTLEPOND LAKE AREA

DISTRICT OF KENORA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

DRILLHOLE

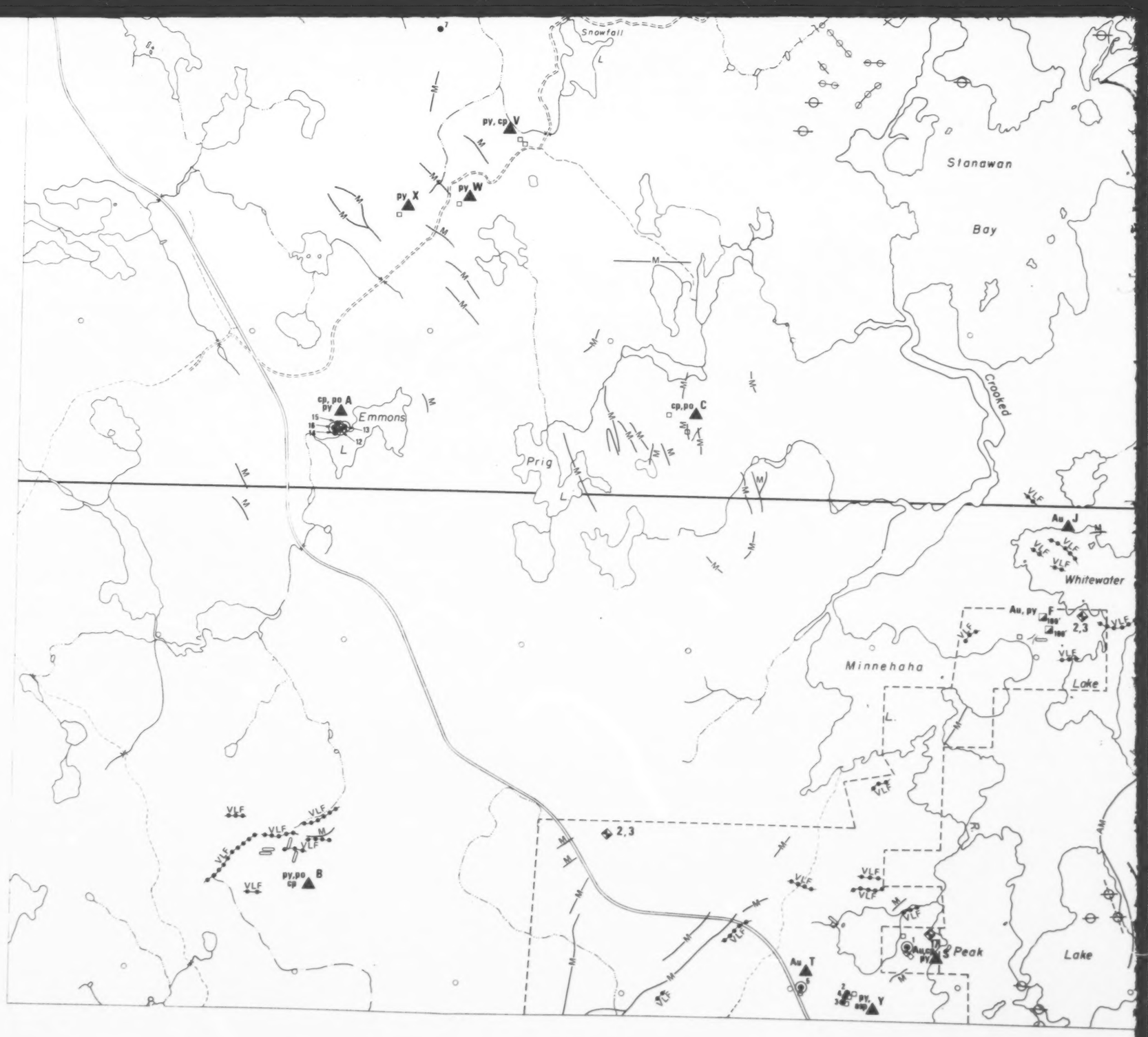
- Location of single drillhole, with reference number

- ☐ IP — Induced polarization anomaly
- ☐ SP — Self potential anomaly
- ☐ AFMAG — Audio-frequency magnetic anomaly (total intensity)
- ☐ R — Resistivity anomaly
- ☐ GR — Gravity anomaly
- ■ Airborne VLF Electromagnetic Anomaly

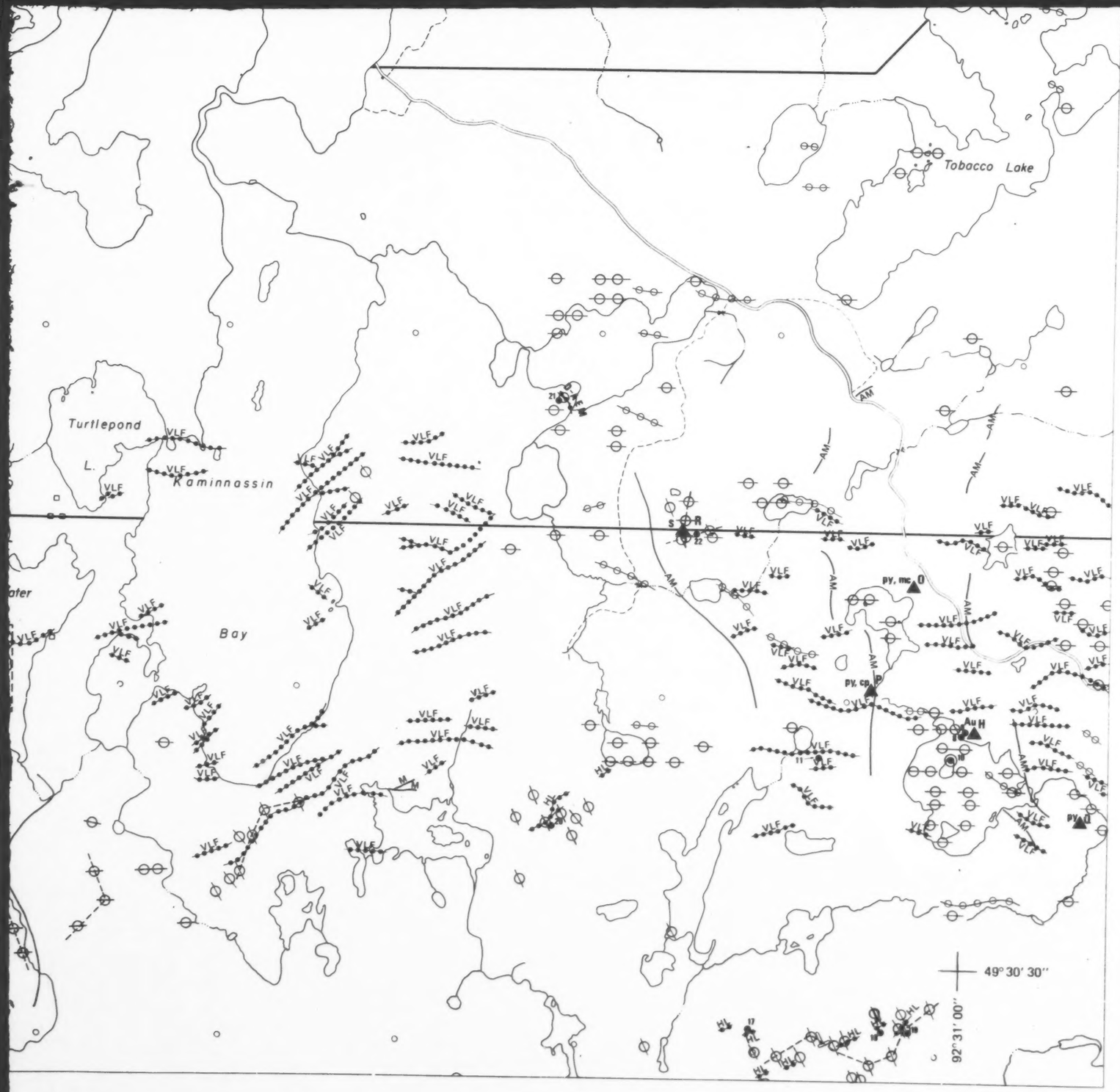
MISCELLANEOUS DATA

- ■ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐ Rock quarry
- ☐ Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



Snowfall
L
py, cp V
Stanawan
Bay
Tobacco Lake
M
cp, po C
Crooked
Turtlepond
L.
Prig
L
VLF
Kaminnassin
Au J
Whitewater
Au, py F
2,3
Minnehaha
Lake
Bay
AM
S
R
py, mc O
py, cp P
Au H
py Q
2,3
Au T
py, sp V
Peak
Lake
49° 30' 30"
92° 31' 00"



MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

DRILLHOLE

- ●² — Location of single drillhole, with reference number
- ◉² — Location of closely spaced group of drillholes, with reference number
- (?)² — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- ○² — Property with drillholes which have not been plotted on map, with reference number
- ⊕² — Reverse circulation drillhole; churn drilling, with reference number